Index of Claims

| Application | No. | Applicant(s)     |            |  |  |  |  |  |  |  |  |
|-------------|-----|------------------|------------|--|--|--|--|--|--|--|--|
| 10/620,618  |     | MOTSENBOCK<br>A. | ÈR, MARVIN |  |  |  |  |  |  |  |  |
| Examiner    |     | Art Unit         |            |  |  |  |  |  |  |  |  |
| Paul Ip     |     | 2837             |            |  |  |  |  |  |  |  |  |

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| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| - | ١. | Appeal   |
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| Cla      | im       | Date               |                |                                     |                | ]. :[    | Claim Date |             |          |       |          |          | 7, 45         | Cla                | aim           | Date     |         |              |             |       |            |   |  |   |              |          |          |           |          |          |
|----------|----------|--------------------|----------------|-------------------------------------|----------------|----------|------------|-------------|----------|-------|----------|----------|---------------|--------------------|---------------|----------|---------|--------------|-------------|-------|------------|---|--|---|--------------|----------|----------|-----------|----------|----------|
| Final    | Original | 10/13/04           |                |                                     |                |          |            |             |          | Final | Original |          |               |                    |               |          |         |              |             | Final | Original   |   |  |   |              |          |          |           |          |          |
|          | 1        | V                  |                |                                     | Н              | $\dashv$ | +          | -           |          |       | 51       | H        | $\dashv$      | _                  | +             | 十        |         | $\vdash$     |             |       | 101        |   | $\dashv$   | $\dashv$  | +            | $\dashv$ | $\dashv$ | 十         | $\dashv$ | $\neg$   |
|          | 2        | v                  |                |                                     | П              | T        |            |             |          |       | 52       |          |               |                    | $\sqcap$      |          |         | Г            | 1-7         |       | 102        |   |  | T   |              | $\neg$   | 一        |           | $\neg$   |          |
|          | 3        | v                  |                |                                     | П              |          | T          |             |          |       | 53       |          | $\neg$        |                    | $\top$        | 1        |         |              | 9 ya        |       | 103        |   |  |   |              |          |          |           |          |          |
|          | 4        | ٧                  |                |                                     | П              | 丁        |            | $\neg \neg$ |          |       | 54       |          |               |                    |               |          |         |              |             |       | 104        |   |  |   |              |          |          |           |          |          |
|          | 5        | v                  |                |                                     |                |          |            |             | 1        |       | 55       |          |               |                    |               |          |         |              |             |       | 105        | - |  |   |              |          |          |           |          |          |
|          | 6        | ٧                  |                |                                     |                |          |            |             |          |       | 56       |          |               |                    |               |          |         |              | 1:2         |       | 106        |   |  |   |              | $\Box$   |          | $\perp$   | $\Box$   | _        |
|          | 7        | <b>v</b>           |                |                                     |                |          |            |             | er e     |       | 57       |          |               |                    |               |          |         | $oxed{oxed}$ | Shar<br>The |       | 107        |   |  | _   | _            | _        |          | _         | _        |          |
|          | 8        | ٧                  |                |                                     | Ш              |          |            |             | 1        |       | 58       |          |               | _ _                | $\perp$       | _        |         | L            |             |       | 108        |   |  | _   |              | _        | _        | _         | $\dashv$ | Щ        |
|          | 9        | ٧                  |                |                                     |                |          |            |             | <u> </u> |       | 59       |          | $\perp$       |                    | $\sqcup$      |          |         |              |             |       | 109        |   |  |   |              | _        | _        | _         | _        |          |
|          | 10       | ٧                  |                |                                     |                |          |            |             | ŀ,       |       | 60       |          |               |                    | Ш             |          |         |              | 40          |       | 110        |   |  | _   |              | _        | $\perp$  |           | _        | _        |
|          | 11       | ٧                  |                | _                                   | Ш              |          |            |             |          |       | 61       |          |               | _ _                | $\perp$       |          |         |              | . 34        |       | 111        |   |  |   |              | $\dashv$ | _        | _         | _        | _        |
|          | 12       | ٧                  |                |                                     | Ш              |          | $\bot$     |             | į        |       | 62       | Ш        |               |                    | Ш             | $\perp$  |         | <u> </u>     |             |       | 112        |   |  | _   | 4            |          |          | 4         | 4        | _        |
|          | 13       | ٧                  | <u> </u>       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ц              | _        |            | $\perp$     | - 4      |       | 63       | $\sqcup$ | _             |                    | $\perp \perp$ | $\bot$   | $\bot$  | 1            |             |       | 113        |   | $\sqcup$   | $\dashv$  | 4            | _        | _        | $\dashv$  | _        | $\dashv$ |
|          | 14       | v                  |                |                                     | Ш              | 4        |            | _           |          |       | 64       |          | _             |                    | 44            |          |         | <u> </u>     |             |       | 114        |   | _  | -   | -            | $\dashv$ | 4        | $\dashv$  | $\dashv$ | _        |
|          | 15       | V                  | Щ_             |                                     | Ш              |          | _          | - -         |          |       | 65       |          | _             |                    |               |          |         | ╄            | 12          |       | 115        | _ | $\vdash$   |   |              | -        | 4        |           | 4        |          |
|          | 16       | ٧                  |                |                                     |                | _        | _          |             |          |       | 66       |          | 4             | -                  | ₩             |          | - -     | _            |             |       | 116        |   | $\vdash$   | 4   | 4            | -        |          | -         | -        |          |
|          | 17       | <u>v</u>           |                | _                                   | $\square$      | -        | -          | +-          | 2        |       | 67       | $\dashv$ | _             | $\dashv$           | -             | -+       | -       |              |             |       | 117        |   | $\vdash$   | $\dashv$  | $\dashv$     | -        | -+       | -+        | $\dashv$ | -        |
|          | 18       | V                  | Н-             | <u> </u>                            |                | 4        | -          | -           | -        |       | 68       |          | $\rightarrow$ |                    | +             | _        | -       | -            |             |       | 118        |   | $\vdash$   | +   | $\dashv$     |          |          | -+        | $\dashv$ |          |
|          | 19       | V                  | $\dashv$       | <u> </u>                            | <del>   </del> | $\dashv$ | _          | _           | Ĭ.,      |       | 69       | $\dashv$ | -             |                    | +-            | -        | - -     | ╀            |             |       | 119        |   | -  | +   | +            | -        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 20       | ٧                  | $\vdash$       | <u> </u>                            |                |          | +          | _           |          |       | 70       |          | +             | $\dashv$           | +-            |          | +       | ╀            |             |       | 120<br>121 | _ |  |   | $\dashv$     | -        |          | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 21       | ٧                  | ⊢⊢             | <u> </u>                            | Н              | -        | -          | -           |          |       | 71<br>72 | $\vdash$ | -             | -                  | +             | $\dashv$ |         | ┼-           |             |       | 122        |   | $\dashv$   | +   | -            |          | $\dashv$ | +         | $\dashv$ | $\dashv$ |
|          | 22       | ٧                  | $\vdash\vdash$ | <u> </u>                            | $\vdash$       | $\dashv$ | +          | +-          |          |       | 73       |          | +             |                    | +             | $\dashv$ | +       | ╁            |             |       | 123        | - | $\dashv$   | $\dashv$  | $\dashv$     | $\dashv$ | -        | -+        | $\dashv$ |          |
|          | 24       | V                  | $\vdash\vdash$ | -                                   | Н              | -        | -+         | +-          | L.       |       | 74       | -        | $\dashv$      |                    | +             | $\dashv$ | +       | ╁╌           | 1.          |       | 124        | - | -+   | $\dashv$  | +            | $\dashv$ | $\dashv$ | -+        | -+       | $\dashv$ |
|          | 25       | v                  | $\vdash\vdash$ | $\vdash$                            | Н              | $\dashv$ | -          | +-          | 11.      |       | 75       |          | -             | $\dashv$           | +             | $\dashv$ | +       | ╁╌           | , 4         |       | 125        | _ | -+   | $\dashv$  | $\dashv$     | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 26       | v                  |                | -                                   | Н              | -        |            | +           |          |       | 76       | $\vdash$ | -             | $\overline{\cdot}$ | +             | $\dashv$ | +       | ╁            | 2           |       | 126        |   | $\vdash$   | $\dashv$  | -+           |          | -        | $\dashv$  | $\dashv$ | ᅥ        |
|          | 27       | V                  | $\vdash$       | -                                   | -              | $\dashv$ | $\dashv$   | +           |          |       | 77       | $\dashv$ | $\dashv$      |                    | +             | $\dashv$ |         | $\vdash$     | 41.5        |       | 127        |   | -  | -   | -            | -        |          | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 28       | v                  | $\vdash$       | $\vdash$                            | Н              | $\dashv$ | $\dashv$   | ┿           |          |       | 78       | H        |               |                    | +             | +        |         | $\vdash$     | g. d        |       | 128        |   | $\vdash$   | +   | $\dashv$     | -        | -        | -+        | $\dashv$ | 一        |
| -        | 29       | v                  | $\vdash$       | _                                   |                | $\dashv$ | $\dashv$   | +           |          |       | 79       | -        | $\dashv$      | +                  | +             | 十        | +-      | ╁            |             |       | 129        |   | -  | +   | 十            | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | ᅥ        |
|          | 30       | v                  | $\vdash\vdash$ | -                                   | $\vdash$       | -        | $\dashv$   | +           |          |       | 80       | -        | $\dashv$      |                    | +             | $\dashv$ | ╅       | ╁            |             |       | 130        | _ | -  | _   | _            | _        | $\neg$   | $\dashv$  | $\dashv$ | ᅥ        |
|          | 31       | Ÿ                  | $\vdash$       | -                                   |                | $\dashv$ | $\dashv$   | +           | 4        |       | 81       |          | 7             | -                  | +             | _        | 十       | $\vdash$     | 1           |       | 131        |   | _  | _   | $\dashv$     | $\dashv$ | $\neg$   | -         | $\neg$   | $\neg$   |
| <u> </u> | 32       | v                  |                | 1                                   |                | _        | _          | $\top$      |          |       | 82       | T        | $\dashv$      | $\top$             | $\top$        |          | $\top$  | T            |             |       | 132        |   |  | 7   | _            | $\neg$   |          | $\exists$ | ヿ        | ヿ        |
|          | 33       | v                  |                |                                     | Н              | _        |            | $\top$      |          |       | 83       | $\neg$   | 寸             | $\neg \vdash$      | $\top$        | 寸        |         | t            | 1           |       | 133        |   |  | $\dashv$  | 一            | 7        |          | $\dashv$  | ヿ        | ヿ        |
|          | 34       | v                  |                | 1                                   | Н              | T        | 十          |             |          |       | 84       | $\Box$   | $\dashv$      |                    | T             | 十        |         |              |             |       | 134        |   |  |   | 一            | 7        | $\neg$   | $\neg$    | ヿ        | ヿ        |
|          | 35       | v                  |                |                                     |                | 丁        | $\neg$     | 1           |          |       | 85       |          |               | $\neg$             | $\top$        |          |         | Г            |             |       | 135        |   |  | T   |              |          |          | T         | $\neg$   | $\neg$   |
|          | 36       | Ė                  |                |                                     | П              | 寸        | $\top$     |             | 16.0     |       | 86       | $\Box$   | 寸             | $\neg$             | 1             | T        |         | Т            |             |       | 136        |   |  | $\neg$  | $\dashv$     |          |          |           | $\neg$   | コ        |
|          | 37       |                    |                |                                     |                | $\neg$   | $\neg$     | -i          | H.       |       | 87       |          |               |                    | $\top$        |          |         |              | 37          |       | 137        |   |  | $\neg$  | $\Box$       |          |          | $\neg$    | $\neg$   | $\neg$   |
|          | 38       |                    |                |                                     | П              | $\neg$   | $\exists$  | T           | 4        |       | 88       |          |               |                    | $\Box$        |          |         | Π            |             |       | 138        |   |  |   |              |          |          | I         |          |          |
|          | 39       |                    |                |                                     |                |          |            |             |          |       | 89       |          |               |                    |               |          |         |              |             |       | 139        |   |  | $\Box$  |              |          |          |           |          |          |
|          | 40       |                    |                |                                     |                |          | m I        |             | ].       |       | 90       |          |               |                    |               |          |         |              | #           |       | 140        |   |  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\Box$       |          |          | $\Box$    |          |          |
|          | 41       |                    |                |                                     |                |          | $\Box$     |             | ·,       |       | 91       |          | $\Box$        |                    |               | $\Box$   |         |              |             |       | 141        |   | $\Box$   | $\perp$   | $\Box$       | $\Box$   |          | $\Box$    |          |          |
|          | 42       | Ĺ                  |                |                                     |                | $\Box$   | $\Box$     |             | ja.      |       | 92       |          |               |                    |               |          |         | L            | į. P        |       | 142        |   | Ш  |   |              | [        |          | $\perp$   |          | ]        |
|          | 43       |                    |                |                                     |                | $\Box$   |            |             |          |       | 93       | Ш        |               |                    | $oxed{\Box}$  |          |         | 上            | 13.         |       | 143        |   |  | _   | _            | _        |          | $\dashv$  |          |          |
|          | 44       | L                  |                |                                     | Ш              | _        | $\perp$    | _           |          |       | 94       | $\sqcup$ |               |                    | $\perp$       | 4        | $\perp$ | $\perp$      | 1 1         |       | 144        |   | $\sqcup \downarrow$  | _   | _            |          |          | _         | _        |          |
|          | 45       | $oxedsymbol{oxed}$ |                |                                     | Ш              | $\perp$  |            |             | 1.       |       | 95       | Ш        | _             |                    | Ш             | $\perp$  |         | _            |             |       | 145        |   | $\sqcup$   |   | _            | $\dashv$ |          | _         | _        | _        |
| L        | 46       | L                  | Ш.             |                                     | Ш              | _        |            |             | Ė        |       | 96       | Ш        | _             |                    | 44            | _        |         | $\vdash$     |             |       | 146        |   |  | _   | $\downarrow$ | _        | _        | _         | 4        | _        |
| <b> </b> | 47       | <u> </u>           | $\sqcup \bot$  |                                     | Ш              | $\perp$  | $\perp$    |             |          |       | 97       | $\sqcup$ | _             |                    | $\bot$        | 4        | $\perp$ | 1            |             |       | 147        |   | $\sqcup$   | 4   | _            | _        | _        | _         | _        | _        |
|          | 48       | _                  | $\sqcup \bot$  |                                     | Ш              | _        | 4          |             | ı,       |       | 98       | $\sqcup$ | $\dashv$      |                    | $\perp$       | 4        | -       | 1            | ,           |       | 148        |   | $\vdash \vdash$  | _   | _            | _        | _        | _         | 4        | ᆜ        |
| <u> </u> | 49       | <u> </u>           |                | -                                   | $\sqcup$       |          | +          | +           |          |       | 99       | Н        | _             | -                  | $\vdash$      | $\dashv$ | +       | $\vdash$     | 3           |       | 149        |   | $\vdash \vdash$  | $\dashv$  | $\dashv$     | $\dashv$ |          | $\dashv$  | $\dashv$ | $\dashv$ |
|          | 50       | <u> </u>           | $\sqcup \bot$  | L                                   | $\sqcup$       |          | $_{\perp}$ |             | ΙÌ       |       | 100      | ш        |               | L_                 | 1             |          |         |              | 1.          |       | 150        |   | $ldsymbol{ld}}}}}}}}}$ | $\perp$   | _1           |          |          | ᅶ         |          |          |